Tetra Oil Company

JUL 0 1 2015

GeoPlus Consulting Services 1400 Easton Drive – Suite 152 Bakersfield, CA 93309

Telephone (661)327-1122 Fax (661)327-2844 twladd@AOL.com

June 29, 2015

Certified: 7013 2250 0001 2099 7013

Mr. Ronald Holcomb

Central Valley Regional Water Quality Control Board

1685 E. Street

Fresno, CA 93706

Re: Transmittal -

Petro Resources, Inc.

Technical Reports - Water Quality Analysis

SP 29 Pond - Section 29, T32S, R24E

SP 33 Ponds - Section 33, T32S, R24E

Midway Sunset Oil Field

Kern County

Dear Mr. Holcomb:

On behalf of Petro Resources, Inc., GeoPlus Consulting Services is submitting the referenced Technical Reports pursuant to the Central Valley Regional Water Quality Board's (Board) Order dated April 21, 2015.

I trust that this report is satisfactory and meets the Board's requirements. We look forward to your favorable response.

Sincerely,

Thomas W. Ladd

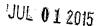
California Professional Geologist # 3568

Cc. Petro Resources, Inc. with enclosures

Enclosures:

Technical Reports

Analytical results as an Excel spreadsheet on CD



TECHNICAL REPORT

CALIFORNIA WATER CODE DIRECTIVE PURSUANT TO SECTION 13267 B-CVR REGARDING PRODUCED WATER DISCHARGE PETRO RESOURCES, INC.

S.P. 29 LEASE

MIDWAY SUNSET FIELD - SECTION 29, T32S, R24E, MD B&M June 29, 2015

Petro Resources, Inc. (PRI) is submitting this Technical Report pursuant to Central Valley Regional Water Quality Board's (Board) Order dated April 21, 2015. PRI is the operator of oil wells located on the S.P. 29 Lease in Section 29, T32S, R24E, Midway Sunset Field, Kern County. The S.P. 29 lease has 1 pond used in the process of petroleum production wastewater disposal operated pursuant to WDR R5-2002-0194. There are no other ponds or discharges of produced waters to land.

WATER SAMPLES: A representative water sample of the wastewater was collected from pond 1. The required water quality analyses is presented in the attached Zalco Laboratories report, as well as on the enclosed CD excel file.

On May 5, 2015, water samples were collected at the point of entry of pond 1. The samples were collected by Kent Rose using appropriate water sampling protocol. Water sampling containers were provided by Zalco Laboratories. The wastewater samples were collected in the containers, labeled, placed in iced chests and transported to Zalco Laboratories, Inc. under chain of custody for analyses as directed in the Order.

SURFACE IMPOUNDMENTS DETAILS: The PRI produced water is a result of pumping oil and water from the subsurface Lakeview sand (Miocene age) oil sand formation at a depth average of 3,350 feet. The oil and water are separated and contained at the surface tank facility. Wastewater is water-legged to pond 1. As a result of retention time during tank oil/water separation, there is minor crude oil discharged to the ponds. The PRI wastewater discharge operates, 12-months per year.

The locations and dimensions of each pond is presented in the following table.

TABLE POND DETAILS

Pond 1

APN	220-080-29-00-3
Latitude	35.121277
Longitude	-119.412788
Length	50
Width	20
Depth	15
Discharge/year	1280

LOCATION MAPS: The following two figures depict the PRI S.P. 29 lease and facility schematic of the ponds.

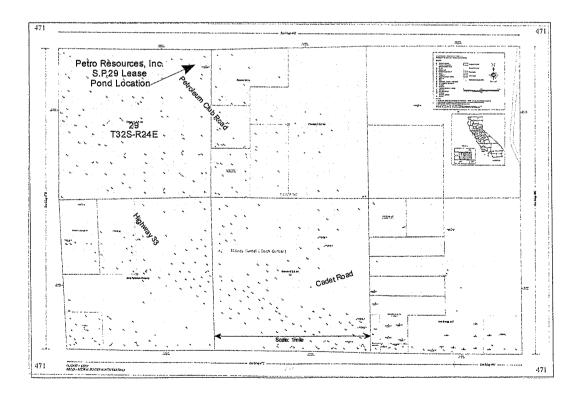


Figure 1. S.P. 29 lease

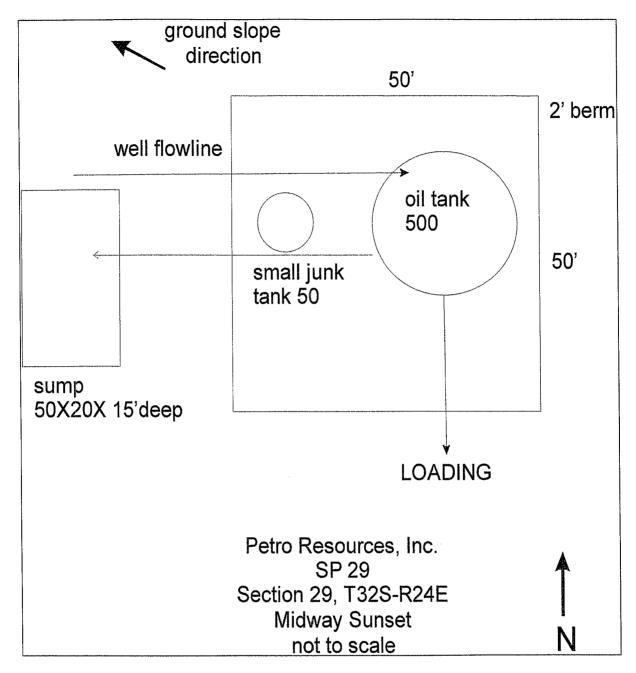


Figure 2. Facility Schematic

ENVIRONMENTAL ASSESSMENT OF AREA OF INFLUENCE: The risk of adverse environmental impact to the area within the a ¼ mile radius area of influence by the discharge of oilfield produced wastewater into the PRI S.P. 29 ponds is remote. First, the volume of water that is discharged is a modest average 3.5 barrel of water per day. Second, there is no known source of drinking water, i.e., fresh groundwater is absent in the area. And third, the wastewater is non-hazardous.

As a result of this information and review it is concluded that the discharge of wastewater to ponds is a favorable means of wastewater disposal of non-hazardous water from the PRI's oil field operations. The risk of adverse environmental impact to the area of influence by the discharge of wastewater into the PRI ponds is remote.

PRI operates the ponds under WDR R5-2002-0194.

CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprispnment for knowing violations.

Thomas W. Ladd

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California Professional Geologist #3568

Attachment: Zalco Laboratories Report of Analyses



Analytical & Consulting Services

4309 Armour Avenue Bakersfield, California 93308

(661) 395-0539 FAX (661) 395-3069

May 29, 2015

Kent Rose Petro Resources Inc 1730 Art Street Bakersfield, CA 93312

TEL: (661) 213-4118 FAX: (661) 587-8567

Project ID: RE: 1505047

Dear Kent Rose:

Zalco Laboratories, Inc. received 1 samples on 5/5/2015 for the analyses presented in the following report.

We appreciate your business and look forward to serving you in the future. Please feel free to call our office if you have any questions regarding these test results.

Sincerely,

Juan Magana
Project Managana Project Manager



Analytical & Consulting Services

4309 Armour Avenue Bakersfield, California 93308 (661) 395-0539 FAX (661) 395-3069

Petro Resources Inc. 1730 Art Street

Project: RWQCB Oilfield Ponds - 2Q2015

Work Order No.: 1505047

Project #:

Reported: 05/29/2015

Bakersfield, CA 93312

Attention: Kent Rose

Received: 05/05/2015 13:25

Lab Sample ID: 1505047-01

Collected By: Kent Rose

Client Sample ID: Sec 29

Date Collected: 5/5/2015 10:00:00AM

							Date	Date	
Analyte	Results	PQL		Units	Flag	Method	Prepared	Analyzed	init.
Alkalinity									
Total Alkalinity	280	10		mg/L		SM 2320B	5/5/15	5/5/15	SAM
Bicarbonate (HCO3)	280	10		mg/L		SM 2320B	5/5/15	5/5/15	SAM
Carbonate (CO3)	<10	10		mg/L		SM 2320B	5/5/15	5/5/15	SAM
Hydroxide (OH)	<10	10		mg/L		SM 2320B	5/5/15	5/5/15	SAM
CAM, Toxicity (17 Meta	als)		TTLC Limits						
Antimony	<2.0	2.0	500	mg/L		SW846 6010B	5/8/15	5/12/15	SS
Arsenic	<0.20	0.20	500	mg/L		SW846 6010B	5/8/15	5/12/15	SS
Barium	3.8	1.0	10000	mg/L		SW846 6010B	5/8/15	5/12/15	SS
Beryllium	<0.10	0.10	75	mg/L		SW846 6010B	5/8/15	5/12/15	ss
Cadmium	<0.10	0.10	100	:mg/L		SW846 6010B	5/8/15	5/12/15	SS
Chromium	<0.50	0.50	2500	mg/L		SW846 6010B	5/8/15	5/12/15	.ss
Cobalt	<1.0	1.0	8000	mg/L		SW846 6010B	5/8/15	5/12/15	SS
Copper	<0.50	0.50	2500	mg/L		SW846 6010B	5/8/15	5/12/15	SŚ
Lead	<0.50	0.50	1000	.mg/L		SW846 6010B	5/8/15	5/12/15	SS
Mercury	<0.0020	0.0020	20	mg/L		SW846 7470A	5/7/15	5/7/15	SS
Molybdenum	<1.0	1.0	3500	mg/L		SW846 6010B	5/8/15	5/12/15	SS
Nickel	<0.50	0,50	2000	mg∕L		SW846 6010B	5/8/15	5/12/15	SS
Selenium	<0.50	0.50	100	mg/L		SW846 6010B	5/8/15	5/12/15	SS
Silver	<0.20	0.20	500	mg/L		SW846 6010B	5/8/15	5/12/15	SS
Thallium	<5.0	5.0	700	mg/L		SW846 6010B	5/8/15	5/12/15	SS
Vanadium	<1.0	1.0	2400	mg/L		SW846 6010B	5/8/15	5/12/15	SS
Zinc	<0.50	0.50	5000	mg/L		SW846 6010B	5/8/15	5/12/15	SS
General Chemistry			MCL Limits						
Fluoride	<1.0	1.0	2	mg/L		EPA 300.0	5/7/15	5/7/15	MSS
Nitrate as NO3	<20.0	20.0	.45	mg/L		EPA 300.0	5/7/15	5/7/15	MSS
Electrical Conductivity	52	0.010		mmhos/cm		SM 2510B	5/5/15	5/5/15	SAM
Bromide	<1.0	1.0		mg/L		EPA 300.0	5/7/15	5/7/15	MSS
Chloride	20000	2000		mg/L		EPA 300.0	5/7/15	5/7/15	MSS
рН	6.91			pH Units		EPA 150.1	5/5/15	5/5/15	SAM
Sulfate as SQ4	<500	500		mg/L		EPA 300.0	5/7/15	5/7/15	MSS
Total Dissolved Solids	32000	10		mg/L		SM 2540C	5/6/15	5/6/15	MSS
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Hardness

NSS: Non Sufficient Sample H: Exceeds Analysis Hold Time Leaching Procedure MCL: Maximum Contaminant Level TTLC: Total Threshold Limit Concentration STLC: Soluble Threshold Limit Concentration TCLP: Toxicity Characteristic

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This enalytical report must be reproduced in its entirety.

Note: Samples analyzed for regulatory purposes should be put on ice immediately after sampling and received by the laboratory at temperatures between 0-6°C. Microbiological analysis requires samples to be at least 4-10°C when received at the laboratory. For additional information regarding the limitations of the method(s) referred to, please call us at 661-395-0539.



Analytical & Consulting Services

4309 Armour Avenue Bakersfield, California 93308

(661) 395-0539 FAX (661) 395-3069

Petro Resources Inc 1730 Art Street Bakersfield, CA 93312 Project: RWQCB Oilfield Ponds - 2Q2015

Project #:

Attention: Kent Rose

Work Order No.: 1505047

Reported: 05/29/2015

Received: 05/05/2015 13:25

Lab Sample ID: 1505047-01

Client Sample ID: Sec 29

Collected By: Kent Rose

Date Collected: 5/5/2015 10:00:00AM

				,	Date	Date	
Analyte	Results	PQL	Units	Flag Method	Prepared	Analyzed	Init.
Hardness							
Hardness (as CaCO3)	4900	2.0	0	011 00 100	F10148	=14°44 =	
	4000	2.0	mg/L	SM 2340B	5/8/15	5/8/15	SS
Metals							
Lithium	5.6	1.0	mg/L	EPA 200.7	5/8/15	5/8/15	SS
Metals - As Received							
Magnesium	530	0.50	mg/L	EPA 200.7	5/8/15	5/8/15	ss
Potassium	110	5.0	mg/L	EPA 200.7	5/8/15	5/8/15	SS
Sodium	13000	350	mg/L	EPA 200.7	5/8/15	5/8/15	SS
Calcium	1100	0.50	mg/L	EPA 200.7	5/8/15	5/8/15	SS
Iron	34	1.0	mg/L	EPA 200.7	5/8/15	5/8/15	SS
Boron	45	1.0	mg/L	EPA 200.7	5/8/15	5/8/15	SS
Barium	4.3	1.0	mg/L	EPA 200.7	5/8/15	5/8/15	SS
Copper	0.51	0.50	mg/L	EPA 200.7	5/8/15	5/8/15	SS
Silica (SiO2)	67	40	mg/L	EPA 200.7	5/8/15	5/8/15	SS
Strontium	16	1.0	mg/L	EPA 200.7	5/8/15	5/8/15	SS
Manganese	0.81	0.30	mg/L	EPA 200.7	5/8/15	5/8/15	SS
Petroleum Hydrocarbon	s						
Diesel Range Hydrocarbons	11.9	0.25	mg/L	SW846 8015B	5/11/15	5/12/15	JMM
Gasoline Range Hydrocarbons	1.06	0.250	mg/L	SW846 8015B	5/15/15	5/15/15	HLP
Motor Oil Range	<0.15	0.15	mg/L	SW846 8015B	5/11/15	5/12/15	JMM
Hydrocarbons Surrogates		% Recovery Recovery Limits	Flag				
	· · · · · · · · · · · · · · · · · · ·	into its pants	2.08		·		
a,a,a-Trifluorotoluene		116 .69-125			S _i	15/15 10:35	
Semivolatile Organic Co	mpounds						
Indeno(1,2,3-cd)pyrene	<10.0	10.0	ug/L	SW846 8270C	5/7/15	5/7/15	JMM
Naphthalene	12.9	10.0	ug/L	SW846 8270C	5/7/15	5/7/15	JMM
Acenaphthylene	<10.0	10.0	ug/L	SW846 8270C	5/7/15	5/7/15	
Acenaphthene	<10.0	10.0	ug/L	SW846 8270C	5/7/15	5/7/15	JMM
Fluorene	<10.0	10.0	ug/L	SW846 8270C	5/7/15	4	JMM
Phenanthrene	<10.0	10.0	ug/L	SW846 8270C	5/7/15	5/7/15 5/7/15	JMM
Anthracene	<10.0	10.0	ug/L	SW846 8270C	5/7/15		JMM
			ugit	341040 02/00	317735	5/7/15	JMM

NSS: Non Sufficient Sample H: Exceeds Analysis Hold Time TTLC: Total Threshold Limit Concentration STLC: Soluble Threshold Limit Concentration TCLP: Toxicity Characteristic The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Attention: Kent Rose

Received: 05/05/2015 13:25

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Collected By: Kent Rose

Client Sample ID: Sec 29

Date Collected: 5/5/2015 10:00:00AM

							Date	Date	
Analyte	Results	PQL		Units	Flag	Method	Prepared	Analyzed	Init.
Semivolatile Organic C	ompounds								
Fluoranthene	<10.0	10.0		ug/L		SW846 8270C	5/7/15	5/7/15	JMM
Pyrene	<10.0	10.0		ug/L		SW846 8270C	5/7/15	5/7/15	JMM
Benzo (a) anthracene	<10.0	10.0		ug/L		SW846 8270C	5/7/15	5/7/15	JMM
Chrysene	<10.0	10.0		ug/L		SW846 8270C	5/7/15	5/7/15	JMM
Benzo (b) fluoranthene	<10.0	10.0		ug/L		SW846 8270C	5/7/15	5/7/15	JMM
Benzo (k) fluoranthene	<10.0	10.0		ug/L		SW846 8270C	5/7/15	5/7/15	JMM
Benzo (a) pyrene	<10.0	10.0		ug/L		SW846 8270C	5/7/15	5/7/15	JMM
Dibenz (a,h) anthracens	<10.0	10.0		ug/L		SW846 8270C	5/7/15	5/7/15	JMM
Benzo (g,h,i) perylene	<10.0	10.0		ug/L		SW846 8270C	5/7/15	5/7/15	JMM
Surrogates	 	% Recovery	Recovery Limits	Flag					
						,			
Nitrobenzene-d5			-95				5	/7/15 11:20	
2-Fluorobiphenyl Terphenyl-di4			-92					/7/15 11:20	
r expitetryr-di-		5.60 0	-100				`5	/7/15 11:20	
Subcontracted Analyse	s								
Gross Alpha	<15.0	15.0		pCi/L		SM 7110C	5/14/15	5/15/15	JMM
Radium-226	<3.00	3.00		pCi/L		E903.1	5/17/15	5/19/15	JMM
Radium-228	<2.00	2.00		pCi/L		EPA Ra-05	5/17/15	5/26/15	JMM
Uranium (ug/L)	<20.0	20.0		pCi/L		E908	5/21/15	5/22/15	JMM
Volatile Organic Compo	ounds								
m.p-Xylene	250	5.00		ug/L		SW846 8260B	5/8/15	5/19/15	HLP
Benzene	83.6	5.00	v	ug/L		SW846 8260B	5/8/15	5/8/15	HLP
Xylenes, total	404			ug/L		SW846 8260B	5/8/15	5/8/15	HLP
Methyl tert-Butyl Ether	<5.00	5.00		ug/L		\$W846 8260B	5/8/15	5/8/15	HLP
Ethylbenzene	85.3	5.00		ug/L		SW846 8260B	5/8/15	5/8/15	HLP
Toluene	17.9	5.00		ug/L		SW846 8260B	5/8/15	5/8/15	HLP
o-Xylene	154	25.0		ug/L		SW846 8260B	5/8/15	5/8/15	HLP
Surrogates		% Recovery	Recovery Limits	Flag				0/0/10	1167

1,2-Dichloroethane-d4		82.6* 89	9-165	S-GC			5	/8/15 13:38	
Toluene-d8		84.9 65	5-124					/8/15 13:38	
4-Bromofluorobenzenç		85.1* 9	1-114	S-GC			5	/8/15 13:38	

NSS: Non Sufficient Sample H: Exceeds Analysis Hold Time Leaching Procedure MCL: Maximum Contaminant Level : See Case Narrative STLC: Soluble Threshold Limit Concentration TCLP: Toxicity Characteristic The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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CHAIN OF CUSTODY, ID# ZALCO LABORATORIES, INC.

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Zalco Lab #.

2ALCU LAEUTH (CA 93308 (661) 395-0539 FAX (661) 395-3069 www.zalcolabs.qom/ CA 93308 WWw.zalcolabs.qom/ CA 93308

			人人一生,	Client PO #
REPORT INFO	INVOICE INFO	AN	ANALYSIS	PRO.IFCT ID:
Client: Petro RosolMCRS	Invoice To: Same as Client-&	#	1	QUOTE ID:
Address: 1.730 Par Street	Address:	7	- Ш	COMMENTS:
City, State, Zip: Baken Rep. (# 4334 City, State, Zip:	City, State, Zip:)(≥ a	nd Ti
Attention: 12 www Rose	Attention;	W.	. w c	Houtine working days.L
Phone: Results 🗅	Phone:)()(ľ «	Send Conv to State of CA?
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Sample Description			2	County
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NOTE: Samples are discarded 30 days after results unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client's expense.

*Sample Type Key: AQ-Aqueous; BS-Biosolid; DW-Drinking Water; GW-Ground Water; G-Gas; LPG-Liquid Petroleum Gas; OL-Oll; O-Other; P-Petroleum; S-Soil/Solid; ST-Storm Water; WW-Wastewater *Sample No.: FOR OFFICE USE ONLY